## **PCT**

## **REQUEST**

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.

For receiving Office PCT/EP 2004 / International Application No.	
2 9 NUV 2004	(29. 11. 04)
International Filing Date	ערט יוו יש שי
EUROPEAN PATENT OF	
PCT INTERNATIONAL APPL	
Name of receiving Office and "PCT In	ternational Application"

	Applicant's or agent's (if desired) (12 charact	file reference ters maximum) 32043P WO	
Box No. I TITLE OF INVENTION			
Method for preventing and treating diabetes usin	ng DG119		
	n is also inventor		
Name and address: (Family name followed by given name; for a legal enti The address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residence	ne address indicated in this	Telephone No.	
DeveloGen Aktiengesellschaft für		Facsimile No.	
entwicklungsbiologische Forschung Rudolf-Wissell-Str. 28		Teleprinter No.	
37079 Göttingen			
DE		Applicant's registration No. with the Office	
State (that is, country) of nationality: DE	State (that is, country) DE	of residence:	
This person is applicant for the purposes of:  all designated States  all designated the United States		the United States of America only the States indicated in the Supplemental Box	
Box No. III FURTHER APPLICANT(S) AND/OR (FURTH			
Name and address: (Family name followed by given name; for a legal entit The address must include postal code and name of country. The country of th Box is the applicant's State (that is, country) of residence if no State of residence	e address indicated in this	This person is:	
AUSTEN Matthias			
Wachholderweg 24		applicant and inventor	
37079 Göttingen DE		inventor only (If this check-box is marked, do not fill in below.)	
		Applicant's registration No. with the Office	
State (that is, country) of nationality: DE	State (that is, country) of DE	of residence:	
This person is applicant for the purposes of:  all designated States  all designated the United Sta		he United States the States indicated in the Supplemental Box	
Further applicants and/or (further) inventors are indicated on	a continuation sheet.		
Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE			
The person identified below is hereby/has been appointed to act on of the applicant(s) before the competent International Authorities a	s: 🔼 ª	gent common representative	
Name and address: (Family name followed by given name; for a legal entity The address must include postal code and name of con	, full official designation. untry.)	Telephone No. 089/455 63-0	
WEICKMANN & WEICKMANN		Facsimile No.	
Postfach 860 820		089/455 63-999	
81635 München	<del> </del>		
DE		Teleprinter No.	
	7	Agent's registration No. with the Office	
Address for correspondence: Mark this check-box where no space above is used instead to indicate a special address to what the special address the special address to what the special address to what the special address to what the special address the special address to what the special address the	o agent or common repre- nich correspondence sho	esentative is/has been appointed and the buld be sent.	

Sheet No. ...?...

Continuation of Box No. III FURTHER APPLICANT(S) A	ND/OR (FURTHER) INVENTOR(S)
If none of the following sub-boxes is used, this sheet should not	be included in the request.
Name and address: (Family name followed by given name; for a legal entity The address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residence ONICHTCHOUK Daria	address indicated in this
Auf der Lieth 10 37077 Göttingen	inventor only (If this check-box is marked, do not fill in below.)
DE	Applicant's registration No. with the Office
State (that is, country) of nationality: RU	State (that is, country) of residence: DE
This person is applicant for the purposes of:  all designated the United States  all designated the United States	
Name and address: (Family name followed by given name; for a legal entity. The address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residence of SIEGMUND Thomas  Potzwenden 5  37136 Landolfshausen DE	address indicated in this 1
State (that is, country) of nationality: DE	State (that is, country) of residence: DE
This person is applicant all designated for the purposes of: all designated the United States	States except  the United States  the States indicated in
Name and address: (Family name followed by given name; for a legal entity The address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residence ADUROJA Kristin Heyestr. 10 40625 Düsseldorf DE	address indicated in this
State (that is, country) of nationality: DE	State (that is, country) of residence: DE
This person is applicant all designated for the purposes of:	States except the United States the States indicated in the Supplemental Box
Name and address: (Family name followed by given name; for a legal entity The address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residence RUDOLPH Bettina Lärchenstr. 13 30161 Hannover DE	address indicated in this
State (that is, country) of nationality: DE	State (that is, country) of residence: DE
This person is applicant for the purposes of:  all designated the United States  all designated the United States	States except the United States the States indicated in the Supplemental Box
Further applicants and/or (further) inventors are indicated or	n another continuation sheet.

Continuation of Box No. III FURTHER APPLICANT(S) A  If none of the following sub-boxes is used, this sheet should not	ND/OR (FURTHER) INVENTOR(S) be included in the request.
Name and address: (Family name followed by given name; for a legal entity The address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residence HARDER Friedrich Am Weissen Steine 8 37085 Göttingen DE	address indicated in this
State (that is, country) of nationality: DE	State (that is, country) of residence: DE
This person is applicant all designated all designated for the purposes of:	States except the United States of America only the States indicated in the Supplemental Box
Name and address: (Family name followed by given name; for a legal entit The address must include postal code and name of country. The country of th Box is the applicant's State (that is, country) of residence if no State of residence	address indicated in this
State (that is, country) of nationality:	State (that is, country) of residence:
	States except the United States the States indicated in the Supplemental Box
Name and address: (Family name followed by given name; for a legal entit The address must include postal code and name of country. The country of th Box is the applicant's State (that is, country) of residence if no State of residence	e address indicated in this
State (that is, country) of nationality:	State (that is, country) of residence:
This person is applicant all designated all designated for the purposes of:	States except the United States the States indicated in the Supplemental Box
Name and address: (Family name followed by given name; for a legal entit The address must include postal code and name of country. The country of th Box is the applicant's State (that is, country) of residence if no State of residence	address indicated in this
State (that is, country) of nationality:	State (that is, country) of residence:
This person is applicant all designated for the purposes of:	States except the United States the States indicated in the Supplemental Box
Further applicants and/or (further) inventors are indicated o	n another continuation sheet.

Form PCT/RO/101 (continuation sheet) (January 2004)

See Notes to the request form

Sheet No. ....

Supplemental Box

If the Supplemental Box is not used, this sheet should not be included in the request.

## "ADDITIONAL REPRESENTATIVES"

Names

Dipl.-Ing. Dipl.-Chem.

Dr.-Ing.

Dipl.-Phys. Dr. Dipl.-Chem. Dr. Dipl.-Chem. Dr.

Dipl.-Phys. Dr. Dipl.-Phys. Dr. Dipl.-Phys.

Dipl.-Phys. Dr.-Ing. Dipl.-Chem. Dr.

Franz Albert Weickmann

Bernhard Huber Horst Liska Jörg Prechtel Brigitte Böhm Wolfgang Weiß

Johannes Tiesmeyer Markus Herzog

Bernhard Ruttensperger

Volker Jordan Michael Dey Sheet No. .....

Box No. V DESIGNAT	TIONS			
The filing of this request con filing date, for the grant of e	stitutes under Rule 4.9(a), the very kind of protection availa	ne designation of all Controls ble and, where applicable	racting States bound by the for the grant of both reg	ne PCT on the international gional and national patents.
However,				
DE Germany is not de	esignated for any kind of nati	onal protection		
KR Republic of Korea	a is not designated for any ki	nd of national protection		
RU Russian Federatio	n is not designated for any k	ind of national protection		
the national law, of an earlie	be used to exclude (irrevocab er national application from w s in these and certain other St	hich priority is claimed. S	rned in order to avoid the See the Notes to Box No. V	ceasing of the effect, under as to the consequences of
Box No. VI PRIORITY	CLAIM			
The priority of the following	earlier application(s) is hereb	y claimed:		
Filing date	Number	V	Where earlier application	is:
of earlier application (day/month/year)	of earlier application	national application: country or Member of WTO	regional application:* regional Office	international application: receiving Office
item (1) 28. November 2003 (28.11.2003)	03 027 514.3		EP	
item (2)			ļ	
item (3)				
Further priority claims	l are indicated in the Suppleme	ntal Box.		
The receiving Office is reque the earlier application was fi above as:	ested to prepare and transmit to led with the Office which for the	o the International Bureau the purposes of this internat	a certified copy of the ear tional application is the re	rlier application(s) (only if eceiving Office) identified
all items ite	em (1) item (2)	) item (3)	other, se	e Supplemental Box
* Where the earlier applicati	on is an ARIPO application, in Tember of the World Trade Or	ndicate at least one country	party to the Paris Conve	ntion for the Protection of
			· · · · · · · · · · · · · · · · · · ·	ea (Nate 4.10(0)(11))
Box No. VII INTERNAT	IONAL SEARCHING AUT	HORITY		
Choice of International Searching Authority (ISA) (if two or more International Searching Authorities are competent to carry out the international search, indicate the Authority chosen; the two-letter code may be used):				
ISA /				
Request to use results of earlier search; reference to that search (if an earlier search has been carried out by or requested from the International Searching Authority):				
Date (day/month/year)	Numb	er Count	try (or regional Office)	
Box No. VIII DECLARATIONS				
The following declarations are contained in Boxes Nos. VIII (i) to (v) (mark the applicable  Number of declarations  Number of declarations				
Box No. VIII (i)	Declaration as to the identity	y of the inventor		:
Box No. VIII (ii)  Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent:				:
Box No. VIII (iii)	Box No. VIII (iii)  Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application:			
Box No. VIII (iv)  Declaration of inventorship (only for the purposes of the designation of the United States of America)  1				: 1
Box No. VIII (v)	Declaration as to non-preju	dicial disclosures or excep	ptions to lack of novelty	:

Form PCT/RO/101 (second sheet) (January 2004)

See Notes to the request form

## Sheet No. . . 6 . . . .

Box No. VIII (iv) DECLARATION: INVENTORSHIP (only for the purposes of the designation of the United States of America)
The declaration must conform to the following standardized wording provided for in Section 214; see Notes to Boxes Nos. VIII, VIII (i) to (v)
(in general) and the specific Notes to Box No.VIII (iv). If this Box is not used, this sheet should not be included in the request.

Declaration of inventorship (Rules 4.17(iv) and 51bis.1(a)(iv)) for the purposes of the designation of the United States of America:			
I hereby declare that I believe I am the original, first and sole (if only is listed below) inventor of the subject matter which is claimed and	y one inventor is listed below) or joint (if more than one inventor for which a patent is sought.		
This declaration is directed to the international application of which	n it forms a part (if filing declaration with application).		
This declaration is directed to international application No. PCT/ to Rule $26ter$ ).	(if furnishing declaration pursuant		
I hereby declare that my residence, mailing address, and citizenship	are as stated next to my name.		
I hereby state that I have reviewed and understand the contents of the of said application. I have identified in the request of said application and I have identified below, under the heading "Prior Applications,' Organization, day, month and year of filing, any application for a pate States of America, including any PCT international application design having a filing date before that of the application on which foreign processing the state of the state of the application on which foreign process.	i, in compliance with PCT Rule 4.10, any claim to foreign priority, "by application number, country or Member of the World Trade ent or inventor's certificate filed in a country other than the United nating at least one country other than the United States of America		
Prior Applications: EP 03 027 514.3 filed November 28, 20	003		
I hereby acknowledge the duty to disclose information that is 37 C.F.R. § 1.56, including for continuation-in-part applications, mat of the prior application and the PCT international filing date of the continuation.	terial information which became available between the filing date continuation-in-part application.		
I hereby declare that all statements made herein of my own knowledg are believed to be true; and further that these statements were made made are punishable by fine or imprisonment, or both, under Section false statements may jeopardize the validity of the application or any	with the knowledge that willful false statements and the like so		
Name: AUSTEN Matthias			
Residence: Göttingen, Germany (city and either US state, if applicable, or country)			
Mailing Address: . Wachholderweg 24, 37079 Göttingen, G			
Citizenship: DE	•••••		
Inventor's Signature:	Date:		
Name: ONICHTCHOUK Daria			
Residence: Göttingen, Germany (city and either US state, if applicable, or country)			
Mailing Address: Auf der Lieth 10., 37077 Göttingen, Germany			
Citizenship: RU	••••••••••••		
Inventor's Signature:  (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	Date:		
This declaration is continued on the following sheet, "Continuation of the following sheet, "Continuation of the following sheet,"	on of Box No. VIII (iv)".		

Form PCT/RO/101 (declaration sheet (iv)) (January 2004)

See Notes to the request form

	Fortsetzungsblatt	für Felder	VIII (i) bis	(v)	ERKLĀRUNG
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Falls der Platz in einem der Felder VIII (i) bis (v) nicht für alle Angaben ausreicht, insbesondere im Falle, daß mehr als zwei Erfinder in Feld Nr. VIII (iv) aufgeführt werden: schreiben Sie "Fortsetzung von Feld Nr. VIII..." (geben Sie die Ziffer des Feldes an) und machen Sie die erforderlichen Angaben entsprechend der in dem Feld, in dem der Platz nicht ausreicht, vorgeschriebenen Art und Weise. Falls hinsichtlich zweier oder mehr Erklärungen der Platz nicht ausreicht, sollten Sie jeweils ein separates Fortsetzungsblatt für jede Erklärung einreichen. Wird dieses Fortsetzungsblatt nicht benutzt, so sollte es dem Antrag nicht beigefügt werden.

Name: SIEGMUND Thomas	
wohnsitz: Landolfshausen, Germany	
(Stadt und US-Staat, falls anwendbar, sonst Land)	
	olfshausen, Germany · · · · · · · · · · · · · · · · · · ·
Staatsangehörigkeit: DE	
Unterschrift des Erfinders:  (falls nicht bereits das Antragsformular unterschrieben wird oder falls die Erklärung nach Einreichung der internationalen Anmeldung nach Regel 26ter berichtigt oder hinzugefügt wird. Die Unterschrift muß die des Erfinders sein, nicht die des Anwalts)	Datum:
Name:ADUROJA Kristin	
Wohnsitz: Düsseldorf, Germany	
Postanschrift: Heyestr. 10, 40625 Düsselde	orf, Germany·····
Staatsangehörigkeit: DE	
Unterschrift des Erfinders:	Datum:
Wohnsitz: Hannover, Germany	
Postanschrift: Lärchenstr. 13, 30161 Hanno	over, .Germany
Staatsangehörigkeit: German	
Unterschrift des Erfinders:  (falls nicht bereits das Antragsformular unterschrieben wird oder falls die Erklärung nach Einreichung der internationalen Anneldung nach Regel 26ter berichtigt oder hinzugefügt wird. Die Unterschrift muß die des Erfinders sein, nicht die des Anwalts)	Datum:
HARDER Friedrich	
Wohnsirz. Göttingen, Germany	••••••••••••••
(Stadt und US-Staat, falls anwendbar, sonst Land) Am Weissen Steine 8, 37085	Göttingen, Germany
1 USTAILED HITTER	
Staatsangehörigkeit: German	
Unterschrift des Erfinders:  (falls nicht bereits das Antragsformular unterschrieben wird oder falls die Erklärung nach Einreichung der internationalen Anmeldung nach Regel 26ter berichtigt oder hinzugefügt wird. Die Unterschrift muß die des Erfinders sein, nicht die des Anwalts)	Datum: (der Unterschrift, falls das Antragsformular nicht unterschrieben wird oder der Erklärung, die nach Regel 26ter nach Einreichung der internationalen Anmeldung berichtigt oder hinzugefügt wird)
·	
Diese Erklärung wird auf dem folgenden Blatt fortgeführt, "Fort	serzungsblatt für Feld Nr. VIII (iv)"
Diese Erklarung wird auf dem folgenden Blatt foligetdint, Foli	Jackenis John Congress Congred Congress Congress Congress Congress Congress Congress Congress

Sheet No. . . 8

Box No. IX CHECK LIST; LANGUAG	E OF FILING	
This international application contains:  (a) in paper form, the following number of sheets:  request (including declaration sheets) : 8  description (excluding sequence listing and/or	This international application is accompanied by the following item(s) (mark the applicable check-boxes below and indicate in right column the number of each item):  1.  fee calculation sheet  2.  original separate power of attorney  3. original general power of attorney	Number of items
tables related thereto) : 40	4. Copy of general nower of attorney; reference must	:
claims : 8	ir any	:
abstract : 1	5. Statement explaining lack of signature	:
drawings : 19	6. priority document(s) identified in Box No. VI as item(s):	
Sub-total number of sheets: 76 sequence listing:	7. L translation of international application into	:
tables related thereto :	(language):  8.  separate indications concerning deposited microorganism	:
(for both, actual number of sheets if filed in paper form, whether or not also filed in	9. Sequence listing in computer readable 6	:
computer readable form; see (c) below)	(indicate type and number of carriers)	
Total number of sheets : 76	(i) Copy submitted for the purposes of international search under Rule 13ter only (and not as part of the international application)	
(b) only in computer readable form (Section 801(a)(i))	(ii) (only where check-box (b)(i) or (c)(i) is marked in left column) additional copies including, where applicable, the copy for the purposes of international search under Rule 13ter	
(i) sequence listing	(iii) together with relevant statement as to the identity of	:
(ii) \( \square\) tables related thereto (c) \( \square\) also in computer readable form	copies with the sequence listing mentioned in left column  10. tables in computer readable form related to sequence listing (indicate type and number of carriers)	:
(Section 80 i(a)(ii))  (i) □ sequence listing  (ii) □ tables related thereto	(i) Copy submitted for the purposes of international search under Section 802(h-quater) only (and pates and fall search under	
Type and number of carriers (diskette, CD-ROM, CD-R or other) on which are contained the	application)  (ii) (only where check-box (b)(ii) or (c)(ii) is marked in left column) additional copies including, where applicable, the copy for the purposes of international search under Section 802(b-quater)	
sequence listing:	(iii) together with relevant statement as to the identity of the copy or copies with the tables mentioned in left column  other (specify):	
Figure of the drawings which should accompany the abstract:	Language of filing of the	
BOX NO. X SIGNATURE OF ARRIVAN	international application: english  T, AGENT OR COMMON REPRESENTATIVE	
2 9. Nov	ting and the capacity in which the person signs (if such capacity is not obvious from reading the t	equest).
	For receiving Office use only	
Date of actual receipt of the purported international application:	(29. 11. 04) 2 9 NOV 2004 2. Drawings	
Corrected date of actual receipt due to later by timely received papers or drawings completing the purported international application:	received	í: <u>.</u>
Date of timely receipt of the required corrections under PCT Article 11(2):	not recei	ved:
International Searching Authority (if two or more are competent): ISA /	6. Transmittal of search copy delayed until search fee is paid	
	For International Bureau use only	
Date of receipt of the record copy y the International Bureau:		$\neg$
DOM TO MAKE IT		